ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 · Mooresville Office (704) 660-3625

PERMIT # 315739

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4730-42-9994

APPLICANT/OWNER: TruNorth Homes — APPLICANT ADDRESS: 631-300 Brawley School Rd Mooresville NC 28117

SITE ADDRESS: 123 Tremont Lane Troutman NC 28166 — PHONE: 704-363 2845 — ALT. PHONE: -

SITE DIRECTIONS: State Park Rd, Honeycutt Rd, Tremont Lane — SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Tremont — SECTION: - — LOT # 18 — LOT AREA: 1.8 Acres — DESIGN FLOW: 600 — L.T.A.R.: .275

Septic Tank 1500 (gal)	STB 964	Date 6/22	☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 5	Water Supply
Pump Tank (gal)	PT	Date	System Description: Gravity - 25% Reduction	☐ Business	No. Persons 10	☒ Private
Pump Make	Model	Serial #	Repair System Description: LP - PPBPS - 50% Reduction	☐ Other	No. Employees	☐ Public
# Nitrification Fields 1	# Lines 3	Linear Ft: 548	Maintenance Agreement Required: ☐ YES ☒ NO	☐ Slab	☒ Crawl Space	☐ Community
Trench Width 36	Trench Bottom Depth [redacted] Max 32in	Gravel Depth -	☒ GRAVITY ☐ PRESSURE	☐ Basement w/ plumbing	☐ Basement w/o plumbing	

Comments / Conditions:

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Soil + Forestry Services of the Carolinas, PA

LSS # 1231 Dated: March 11th 2021

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.

7/28/2021: Layout changed Ashley needs to go back out and GPS. Neither pool or Building were marked during inspection. new Line Lengths and measurements on site sketch not to scale. Tank was checked and was good

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☐ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 3/29/21 Installed by: (Russel) Wastewater Solutions + Design

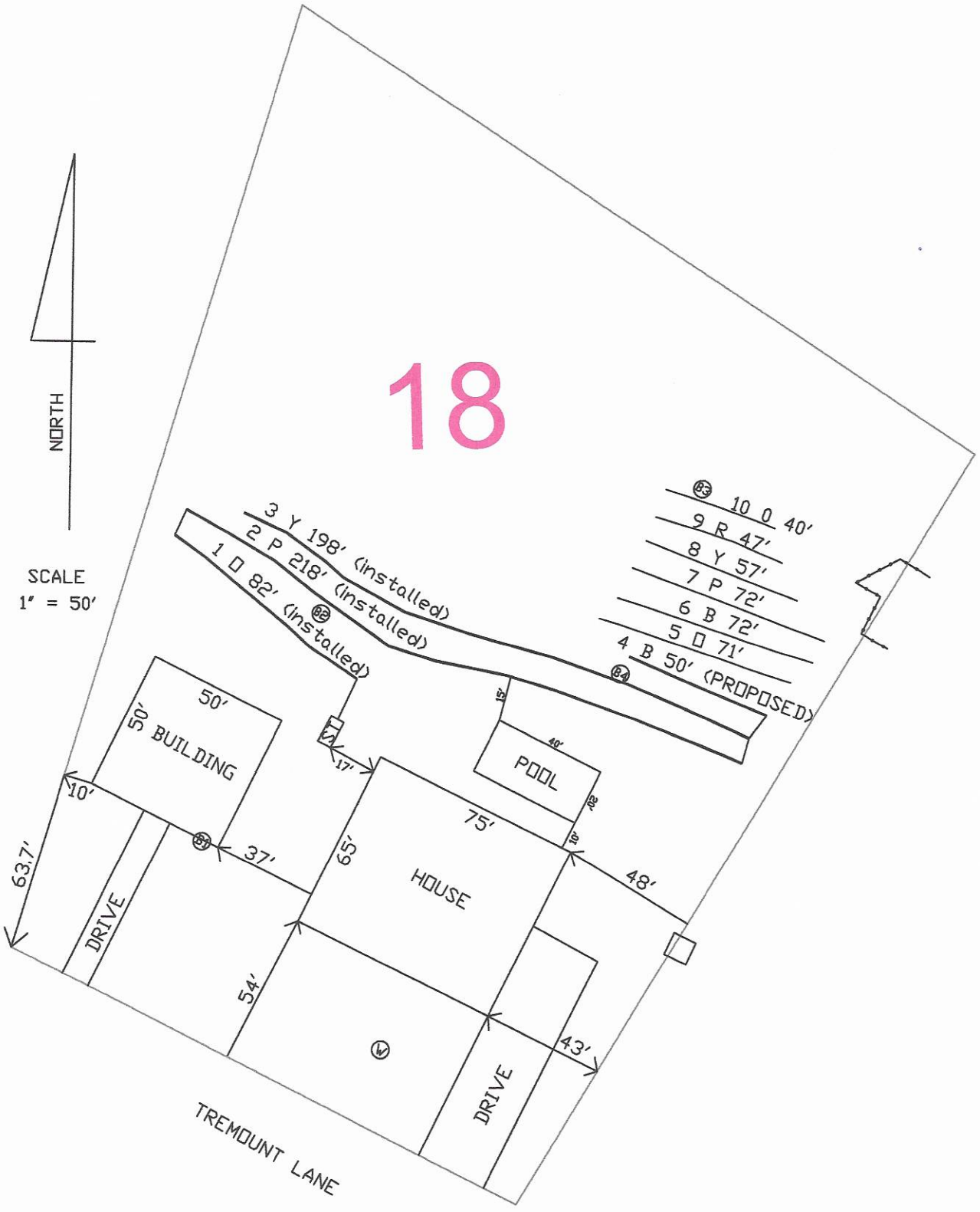
IMPROVEMENT PERMIT by: [signature] Date: 3/18/2021 OPERATION PERMIT by: Maria Dotson Date: 8-19-21

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 5/26/2021 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

Item	Date	Initials
Drain Lines Checked 50ft line	8/19/21	MD
Tanks Checked	7/28/2021	PJB
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	


18
NORTH
SCALE
1" = 50'
3 Y 198' (installed)
2 P 218' (installed)
1 O 82' (installed)
10 O 40'
9 R 47'
8 Y 57'
7 P 72'
6 B 72'
5 O 71'
4 B 50' (PROPOSED)
50'
50'
BUILDING
10'
37'
63.7'
DRIVE
17'
15'
40'
POOL
10'
75'
65'
HOUSE
48'
54'
43'
DRIVE
TREMOUNT LANE

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 21-0011
March 11th, 2021

TRUNORTH HOMES, LLC
Attn: *Garrison Davis*
Email: garrison@trunorthhomes.com

RE: Soil & Site Evaluation for a 5 Bedroom Residence at Tremount Lane (LOT 18 Tremount Subd.), Troutman, NC 28166, PIN # (4730429994), Iredell County.

Mr. Davis:

At your request Soil & Forestry Services of the Carolinas (S&FS) has performed soil/site evaluations on parcel noted above. The Lot size is noted on the attached survey map & soil evaluation form. The purpose of our work was to identify soil areas with potential to support subsurface wastewater disposal systems and provide design details for Session Law submittal to Iredell County Health Department.

Site Conditions

At the time of our evaluation land cover on the property was mostly wooded. Topography within the evaluated area was gently slope near the house site and proposed drainfield area. Property lines and corners were marked at the time of the evaluation by Bateman Civil Survey Co. The Surveyor provided an Autocad File of the survey as a basemap. The proposed septic layout was located via measuring tape/GPS and used to produce the attached *Site Plan*. The house envelope was located via Survey by Bateman Civil Survey Co. The attached Survey provided has house plot and acreage.

Methodology

We evaluated soil areas through the use of hand augers. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with four boring locations on the property flagged and located via GPS. All four of the soil borings are located in the proposed septic layout. Soil suitability was determined by referencing 15A NCAC 18A.1900 "Laws and Rules for Sewage Treatment and Disposal Systems". *Soil & Site Evaluation Forms* were utilized to record the soil morphological data for each boring. The house envelope was located via survey. An on-ground layout of system and repair was performed using a laser level. Pin flag locations of the layout were also located by tape measure and GPS. Detailed system & repair information is summarized in the following paragraph for this Lot.

GRAVITY ACCEPTED SYSTEM FOR WASTEWATER TREATMENT

Owner/Applicant: TruNorth Homes

Address: 631-300 Brawley School Rd
Mooresville, NC 28117

Phone: 704.363.2845
County: Iredell
Location: Tremount Ln
Troutman NC 28166
Source of Wastewater Flow: 5 Bedroom Single Family Residence
Estimated Gallons Per Day Flow: 600
System Flow: N/A

Design Specifications

Drainfield Size: 548
Loading Rate (gpd/ft.^{2}): 0.275
Depth of Gravel in Trench: N/A
Gravel Size: N/A
Max.Trench Depth: 32 in. Repair Trench Bottom 32 in.
Trench Width: 36 in.
Septic Tank Size: 1500

Estimated Supply Line Length: 22
Supply Line Diameter: 4 in. SCH 40 PVC
Supply Line Volume: 14.37
Dosing Volume: N/A
Supply Manifold: N/A
Supply Manifold Length: N/A
Supply Manifold Volume: N/A

Recommended Float Controls: N/A

Recommended Control Panel: N/A

Pressure Head: N/A
Friction Head: N/A
Elevation Head: N/A
Total Dynamic Head: N/A

Threaded Union: N/A
Gate Valves: N/A

Check Valves: N/A
Anti-Siphon Hole: N/A
Additional Comments: Soil suitability was performed by Soil & Forestry Services of the Carolinas, PA

Tremount Ln

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	600
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.275
TOTAL AREA TRENCH BOTTOM:	1644
TOTAL LATERAL LENGTH:	548
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	545.4545455
SUPPLY LINE LENGTH:	22
TOTAL DYNAMIC HEAD:	N/A
MANIFOLD SIZE:	N/A
DOSING VOLUME:	N/A
PUMP TANK DRAW DOWN*:	N/A
SEPTIC TANK SIZE:	1500

Layout Specifications - Tremount Ln

Project #: 21-0011

LAYOUT FOR 5 BEDROOM HOME

March 11, 2021

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	***BLUE***					*92*	*92*
2	***YELLOW***					*230*	*228*
3	***RED***					*228*	*228*
4	ORANGE					71	71
5	BLUE					72	72
6	PINK					72	72
7	YELLOW					57	57
8	RED					47	47
9	ORANGE					47	47
					Total	916	914

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION
** System*	*548*	*0.275*	*ACCEPT.*	*0.275*	*25% RED*	*GRAVITY*
Repair	366	0.300	MOD. CONV.	0.300	PPBPS	LOW PRESSURE

Notes:

**All measures in feet

**Nitrification lines are demonstrated on contour via colored pin flags

**Nitrification lines were located by tape measures & GPS.

**Property lines, corners & house were located by a Professional Land Surveyor.

CALCULATIONS

Location Tremount Ln
Troutman, NC 28166
Project Number 20-0119

Lot No: 18

No. of Bedrooms 5

Design Flow 600 $^{gal}/_{day}$

LTAR 0.275 $^{gal}/_{ft^2\ day}$

PPBPS? (YES OR NO) NO

Supply Line Length 22 ft.

Supply Line Volume 14.366 gal.

Required Feet of Line 545.4545 ft.
Amount of Line from Layout 548 ft.

Gallons per Minute N/A $^{gal}/_{min}$

Required Septic Tank Capacity 1500 gal.
Septic Tank Size 1500 gal.

Panel Volume N/A gal.
# of Panels N/A
Dosing Volume N/A gal.

Tank Draw Down N/A

Pump Run Time

Elevation Head N/A ft.
Pressure Head N/A ft.
Friction Factor N/A ft./100 ft. *(From the interpolater.)*
Friction Head N/A ft.

Total Dynamic Head (+15%) N/A ft.

FRICTION FACTOR
INTERPOLATER
2" SCH 40 PVC

GPM	*f*
20	0.84
	-0.88
25	1.27
	-1.28
30	1.78
	-1.76
35	2.37
	-2.25
40	3.03
43.07	3.48
45	3.77
48.14	4.28
50	4.58
57.11	5.89
60	6.42

Tremount Subdivision Lot 18 *(See Attached Design)*

The septic layout for this lot (9' centers) yielded a total of 916 linear feet of line. The primary system is proposed as 548 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 32 inches. The repair system is proposed as 333 linear feet of PPBPS (50% Reduction) drainfield with low pressure distribution. Trench depth is specified at 32 inches. There is 366 linear feet of repair available.

Session Law Requirements

An LSS Evaluation may be submitted in conjunction with a complete application to the LHD. The application shall include all information described in 15A NCAC 18A .1937(d) and be accompanied by a signed and dated statement from the applicant (owner or owner's legal representative) that reads as follows:

"The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c).".

Owner

Date

Print Name Shawn Slagle

Signature [signature]

3/12/21

The LSS Evaluation shall include a statement bearing the LSS seal and signature that reads as follows:

"The LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c)."

Disclaimer

This report reflects the findings of S&FS, PA. *This LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c).* Any site modifications that impact the proposed septic areas at Tremount Lane Lot 18, Troutman, NC 281666 may nullify this design. System design requirements and site requirements shall be adhered to for installation and Operations Permits to be issued by the local Health Department. If you have questions regarding these requirements a Pre-Construction meeting should be scheduled to discuss. Please contact S&FS if you have any questions regarding this report or the attached information. S&FS also offers septic system inspection, wetland delineation and forestry services.

Sincerely,

S. Ashley Rollans, LSS

Attachment: *Septic Design*

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Attached is a proposed design for an Accepted Septic System with gravity dist. for a 5 bedroom single family residence at Tremount Ln, Lot 18, Tremount. Subdivision PIN#(4730429994) Troutman 28166, Iredell County, NC.

Contents:

	Page
Information for the Installer	1
Design Information	
Design Specifications	2-3
Layout Specifications	4
Site Plan/System Plan	5
Calculations	6
Profile Descriptions	7
Septic Application	8-9
Agent Authorization	10
Green Sheet	11
Survey	12
Subdivision Plat	13

LICENSED SOIL SCIENTIST
Samuel A. Rollins
1241
STATE OF NORTH CAROLINA

March 11, 2021
Project #: 21-0011
Design By: Soil & Forestry Services of the Carolinas, PA

INFORMATION FOR THE INSTALLER:

The permit should be read very carefully prior to bidding. The following are details that must be considered along with all other considerations.

- Tanks shall be approved by NC DHHS, and certification supplied by the manufacturer.
- Tanks shall be water tested prior to installation.
- The installer shall be responsible to the owner for placement of the tanks and to insure that final grades are returned to the original natural grade, with exception of added structural features.
- The supply trench shall be compacted to eliminate cavities left during initial fill placement.
- Installation of the system shall be during dry conditions in order to protect the soil structure.
- All fittings shall be pressure rated fittings.
- All joints shall be cleaned with PVC pipe cleaner and a heavy bodied glue applied to weld all joints.
- Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
- Trenches shall be carefully excavated so the bottom is within 2" from the highest to . the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
- No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used for installation.
- Elevations at pinflag locations should be checked by the installer prior to beginning trenches.
- Septic tank riser shall be a minimum of 6" above finished grade.
- System is specified as a gravity 25% reduction (Accepted) installation.
- Repair is specified as a low pressure 50% reduction Modified Conv. PPBPS installation.

Tremount Subdivision Lot 18 (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 916 linear feet of line. The primary system is proposed as 548 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 32 inches. The repair system is proposed as 333 linear feet of PPBPS (50% Reduction) drainfield with low pressure distribution. Trench depth is specified at 32 inches. There is 366 linear feet of repair available.

Session Law Requirements

An LSS Evaluation may be submitted in conjunction with a complete application to the LHD. The application shall include all information described in 15A NCAC 18A .1937(d) and be accompanied by a signed and dated statement from the applicant (owner or owner's legal representative) that reads as follows:

"The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c).".

Owner Date

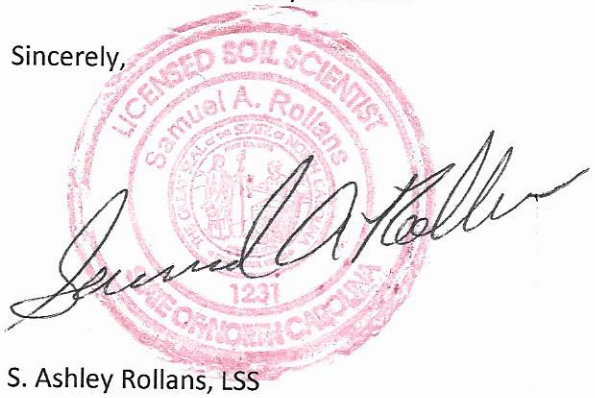
Print Name_____
Signature_____ _____

The LSS Evaluation shall include a statement bearing the LSS seal and signature that reads as follows:

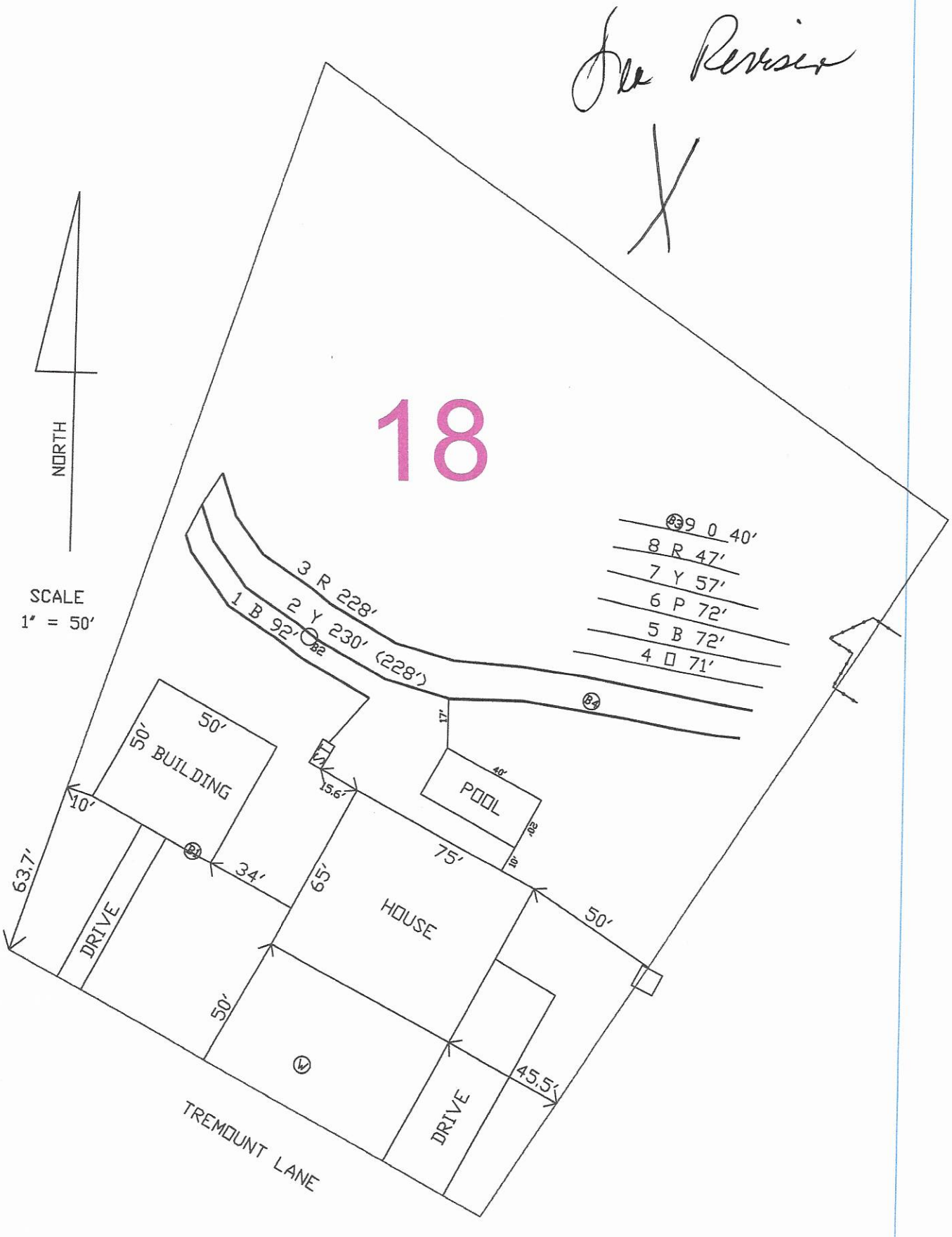
"The LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c)."

Disclaimer
This report reflects the findings of S&FS, PA. *This LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c).* Any site modifications that impact the proposed septic areas at Tremount Lane Lot 18, Troutman, NC 281666 may nullify this design. System design requirements and site requirements shall be adhered to for installation and Operations Permits to be issued by the local Health Department. If you have questions regarding these requirements a Pre-Construction meeting should be scheduled to discuss. Please contact S&FS if you have any questions regarding this report or the attached information. S&FS also offers septic system inspection, wetland delineation and forestry services.

Sincerely,



S. Ashley Rollans, LSS
Attachment: *Septic Design*


See Revision
18
NORTH
SCALE
1" = 50'
3 R 228'
2 Y 230' (228')
1 B 92'
9 O 40'
8 R 47'
7 Y 57'
6 P 72'
5 B 72'
4 O 71'
50'
50'
BUILDING
10'
63.7'
DRIVE
34'
65'
15.6'
17'
40'
POOL
75'
HOUSE
50'
50'
45.5'
DRIVE
TREMOUNT LANE

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4730429994
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Sashua & Shannon Sloan
ADDRESS: 161 State Park Rd, Troutman NC 28166
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: Tremount Ln, NC 28166 Lot 18
APPLICATION DATE
DATE EVALUATED: 2/8/21
PROPERTY SIZE: 1.8 AC
PROPERTY RECORDED: Yes

WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
B 1	L/5%	0-13	BCL wfsbk	Fr SS SP SExP	+Fe Depl @ 32"	50	-	-	PS .25-.275
		13-50	BRC wmsbk/Abk	" Fr SS SP "					
B 2	L/9%	0-3	BSL Gr	Fr SS SP SExP		50	-	-	PS .275
		3-13	RBSCL wfsbk	Fr SS SP "					
		13-43	BRC wmsbk/Abk	Fr SS P	+Few Fe Depl.				
		43-50	RBCL wfsbk	Fr SS SP	+FewsAP				
B 3	L/10%	0-8	RBCL wmsbk	Fr SS SP SExP		50	-	-	PS .325
		8-26	RC wmsbk	" Fr SS SP "					
		26-50	RBCL wfsbk	Fr SS SP"					
B 4	L/8%	0-5	RBSCL wfsbk	Fr SS SP SExP		50	-	-	PS .3-.325
		5-34	BRC wmsbk	Fr SS SP"					
		34-50	RBCL/SCL wfsbk	Fr SS SP"					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted 25%	Mod Conv. PPBPS
Site LTAR	0.275	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. Ashley Rollins
OTHER(S) PRESENT: Chad Wagner

COMMENTS:

SESSION LAW AP 315739 Pd. $500.00
Rec'd 3/15/21 (ad)

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For:
( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(✓) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: TruNorth Homes Address: 631-300 Brawley School Rd, Mooresville NC Zip: 28117
Applicant Email: garrison@trunorthhomes.com Phone: 704.363.2845 Alt. Phone:
Owner Name: Joshua & Shannon Sloan Address: 161 State Park Rd, Troutman NC Zip: 28166
Owner Email: Phone: Alt. Phone:

Property Information:

Street Address: 123 Tremount Ln, Troutman NC 28166
Subdivision Name: Tremount ✓ Section/Phase: — Lot Number: 18 ✓
Driving Directions: State Park Rd, Honeycutt Rd, Tremont Ln

Site Development Information: *(check or complete ALL that apply*

(✓) New Single Family Residence
( ) New Multi-Family Residence
(✓) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem:

Maximum Number of Bedrooms: 5
Maximum Number of Occupants: 10
(✓) Swimming Pool
( ) Other Addition/Structure:

CHECK FOUNDATION TYPE
(✓) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development: Type of Business:
Square Footage of Building: Max. Number of Employees: Max. Number of Seats/Beds/Other:

Water Supply: ( ) Replacement Well – Reason:
( ) Multi-connection Well Number of Houses: Number of Persons:
(✓) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed:
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (✓) Other: Accepted

Please answer the following to the best of your ability:
( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) No Is the site subject to approval by any other public agency?

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: [signature] 2/22/21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative:

Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form.

If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

I, Joshua & Shannon Sloan, am the legal owner(s) of the property located at Tremount Ln, Troutman NC 28166, identified as PIN (Parcel Identification Number) 4730429994, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) SFS/Ashley Rollans / Garison Davis, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

_____ _____ _____ _____

Signature of Owner(s) Date Signature of Witness Date

Please return this signed form to the appropriate office:

Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

Public Health

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative:

Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee, Court ordered guardianship

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form.

If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

I, _____, am the legal owner(s) of the property located at _____, identified as PIN (Parcel Identification Number) _____, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) _____, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

_____ 3/12/21
Signature of Owner(s) Date

_____ _____
Signature of Witness Date

Please return this signed form to the appropriate office.

Mooresville - Environmental Health
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

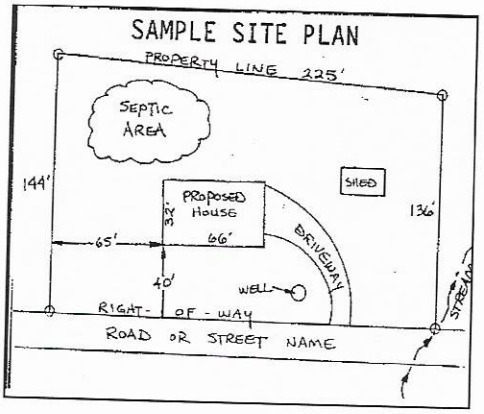
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. ***INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!***

Place an (X) beside each item as you complete the site plan:

- (X) **Property Line measurements are clearly identified**
- (X) **All proposed structures are indicated**
- (X) **Front and side setbacks from property line**
- (X) **Preferred driveway location**
- (X) **Preferred well location**
- (X) **Preferred septic system location**
- (X) **North arrow, or other sufficient indicator of direction**



Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property N/A
Location of easements and rights of ways on your property N/A
Location of any designated wetlands on the property N/A

USE THIS SPACE TO DRAW YOUR SITE PLAN

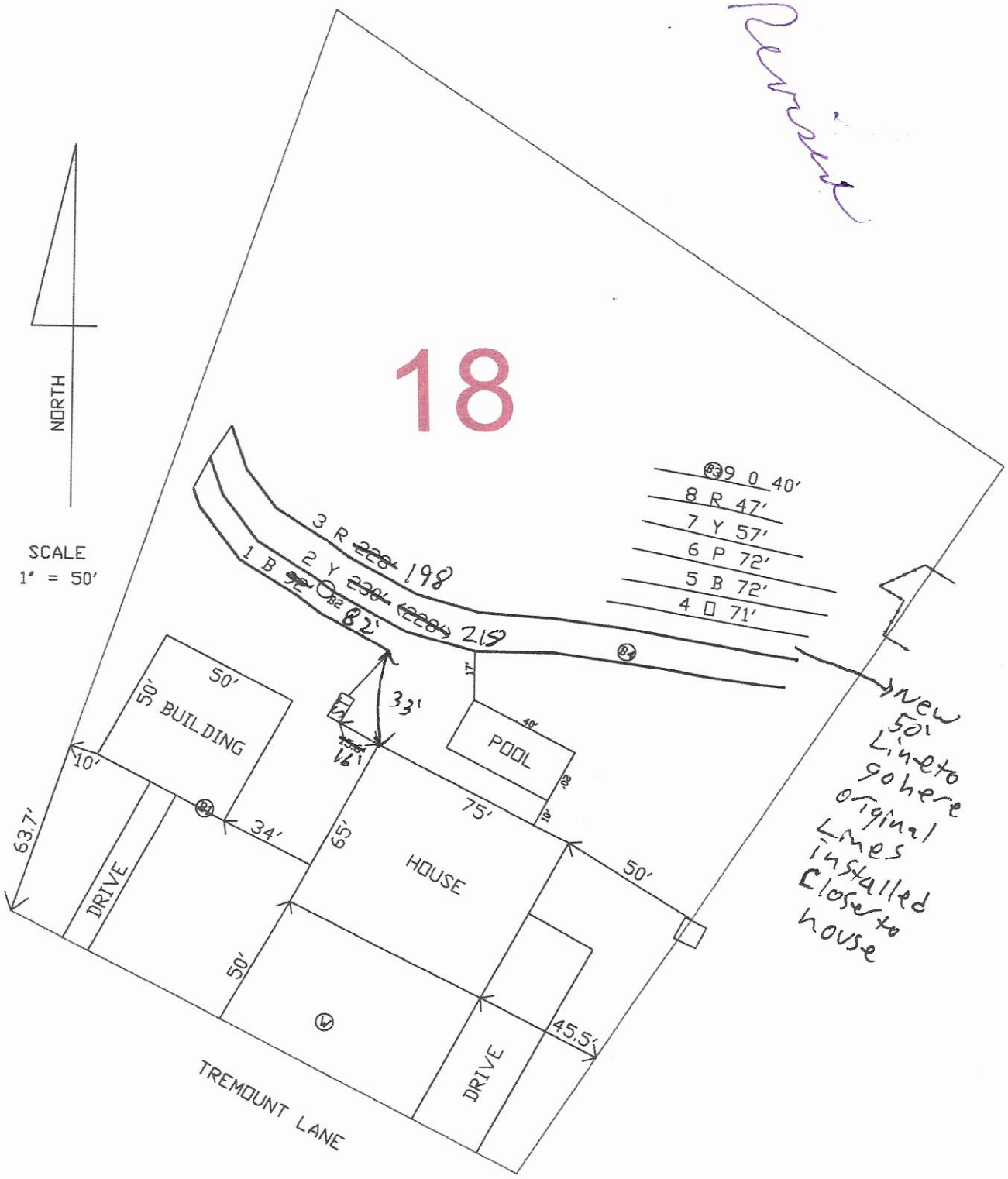
Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

See Attached

Signature: Samuel A Rollins
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

2/22/21
DATE

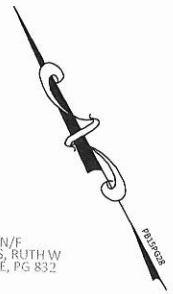
Revised


18
NORTH
SCALE
1" = 50'
3 R ~~220~~ 198
2 Y ~~230~~ ~~(220)~~ 219
1 B ~~92~~ ~~82~~ 82'
39 0 40'
8 R 47'
7 Y 57'
6 P 72'
5 B 72'
4 ☐ 71'
50'
50' BUILDING
10'
63.7'
DRIVE
34'
33'
17'
POOL
40'
10'
75'
65'
HOUSE
50'
50'
45.5'
DRIVE
TREMOUNT LANE
New 50' Line to go here original Lines installed Closer to house

BUILDING SETBACKS:
(unless otherwise noted)
FRONT = ft
REAR = ft
SIDE = ft
CORNER = ft

LOT INFORMATION:

PIN: 4730429994.000
HOUSE = SF
DRIVEWAY = SF
LEADWALK = SF
PORCH = SF
PATIO = SF
TOTAL LOT AREA = 1.80 AC = 78,528 SF
TOTAL PROPOSED IMPERVIOUS = SF
PERCENT IMPERVIOUS = %



N/F
HARRIS, RUTH W
DB 09E, PG 832

N53°08'40"W 285.00'

18
78,528 SF
1.80 AC

FENCE ENCROACHMENT

N20°25'30"E 348.01'

S34°37'40"W 310.63'

17

19

PLANTER BOX ENCROACHMENT

N59°51'30"W 200.00'

TREMOUNT LANE

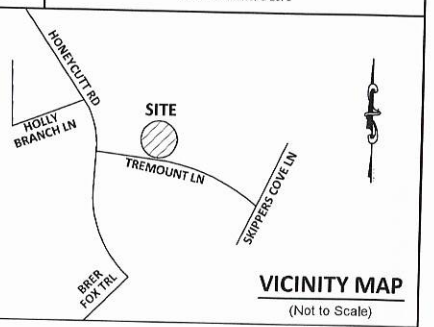
INSET SCALE: 1"=20'

SCALE:
1" = 50 ft.

NOTES:

1. THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY CO., UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
2. THIS PLAN HAS BEEN PREPARED FOR LAYOUT AND PERMITTING PURPOSES ONLY.
3. PROPERTY LINES SHOWN WERE TAKEN FROM EXISTING FIELD EVIDENCE, EXISTING DEEDS AND/OR PLATS OF PUBLIC RECORD, AND INFORMATION SUPPLIED TO THE SURVEYOR BY THE CLIENT.
4. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.
5. THIS MAP IS NOT FOR RECORDATION AND SHOULD BE REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
6. THE BASIS OF NORTH AND ALL EASEMENTS, RIGHTS-OF-WAYS, BUFFERS, SETBACKS AND ADJOINERS, ETC. REFERENCED IN TITLE BLOCK.
7. NO INVESTIGATION INTO THE EXISTENCE OF JURISDICTIONAL WETLANDS OR RIPARIAN BUFFERS PERFORMED BY THIS FIRM.
8. SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
9. THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE "X" AS DEFINED BY HUD F.I.R.M. MAP NO. 3710473000J, DATED MARCH 18, 2008. FLOODPLAIN AND FLOODWAY SHOWN HEREON ARE SCALED GRAPHICALLY FROM SAID PANEL.
10. ZONING: NOT AVAILABLE
11. PROPERTY OWNER: TRUNORTH HOMES, LLC
631-300 BRAWLEN SCHOOL ROAD
MOORESVILLE, NC 28117

Bateman Civil Survey Company
Engineers • Surveyors • Planners
2524 Reliance Avenue, Apex, NC 27539 Ph: 919.577.1080 Fax: 919.577.1081
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-2378



VICINITY MAP
(Not to Scale)

LEGEND

PO = PORCH
P = CONCRETE PATIO
CP = COVERED PORCH/PATIO
SP = SCREENED PORCH/PATIO
WD = WOOD DECK
S = CONCRETE STOOP
SW = SIDEWALK
LW = LEADWALK
DW = CONCRETE DRIVEWAY
⊗ = COMPUTED POINT
○ = IRON PIPE FOUND (IPF)
◉ = IRON PIPE SET (IPS)
WM = WATER METER
⋈ = WATER VALVE
CO = CLEAN OUT
AC = AIR CONDITIONER
Ⓢ = SEWER MANHOLE
ELEC = ELECTRIC BOX
Ⓒ = CABLE BOX
T = TELECOMM BOX
CI = CURB INLET
DI = DROP INLET
YI = YARD INLET
☼ = LIGHT POLE
= FIRE HYDRANT
HHD = HAND HOLE COVER

I, STEVEN P. CARSON, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY DIRECT SUPERVISION FROM A SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK REFERENCED IN TITLE BLOCK); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION LISTED UNDER REFERENCES; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARD OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA.
L-4752
DATED:

PRELIMINARY

This map is of an existing parcel of land and is only intended for the parties and purposes shown. This map not for recordation. No title report provided.

BUILDER TO VERIFY HOUSE MODEL, LOCATION, DIMENSIONS AND REVIEW TOTAL IMPERVIOUS NOTED ON THIS PLOT PLAN

PRELIMINARY PLOT PLAN

FOR

TruNorth Homes, LLC

TREMOUNT - LOT 18
TREMOUNT LANE, TROUTMAN, NC
FALLSTOWN TOWNSHIP, IREDELL COUNTY

DATE: 2/20/21 DRAWN BY: NMW CHECKED BY: SPC

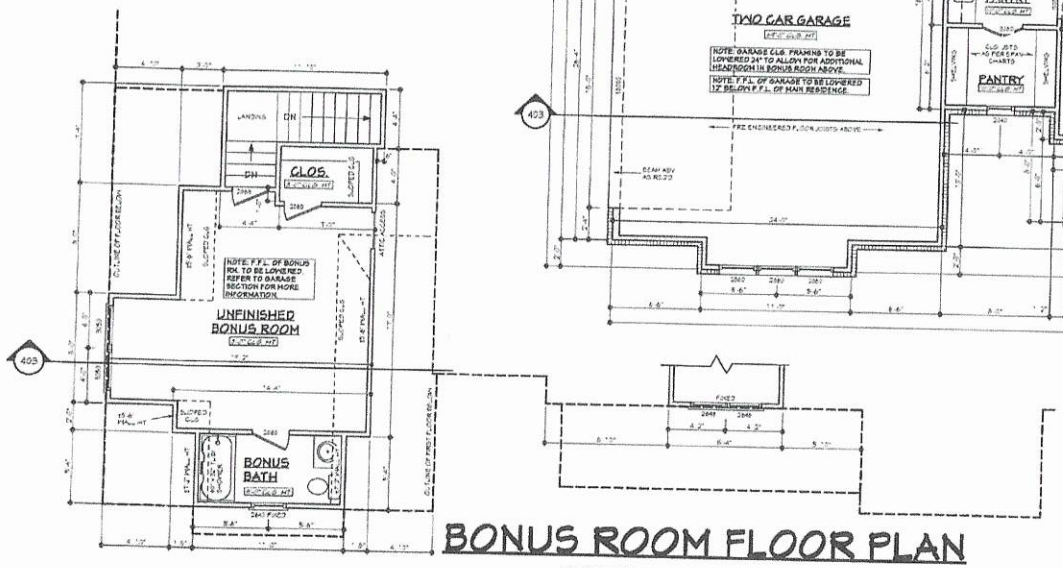
REFERENCE: PB 15, PG 28 PROJECT #: 210203 SCALE: 1" = 50'

P:\2021 Projects\210203 Tremount TruNorth Homes\dwg\210203 Tremount TruNorth Homes.dwg, 2/19/2021 8:58:32 AM, nwalker

3/26/21

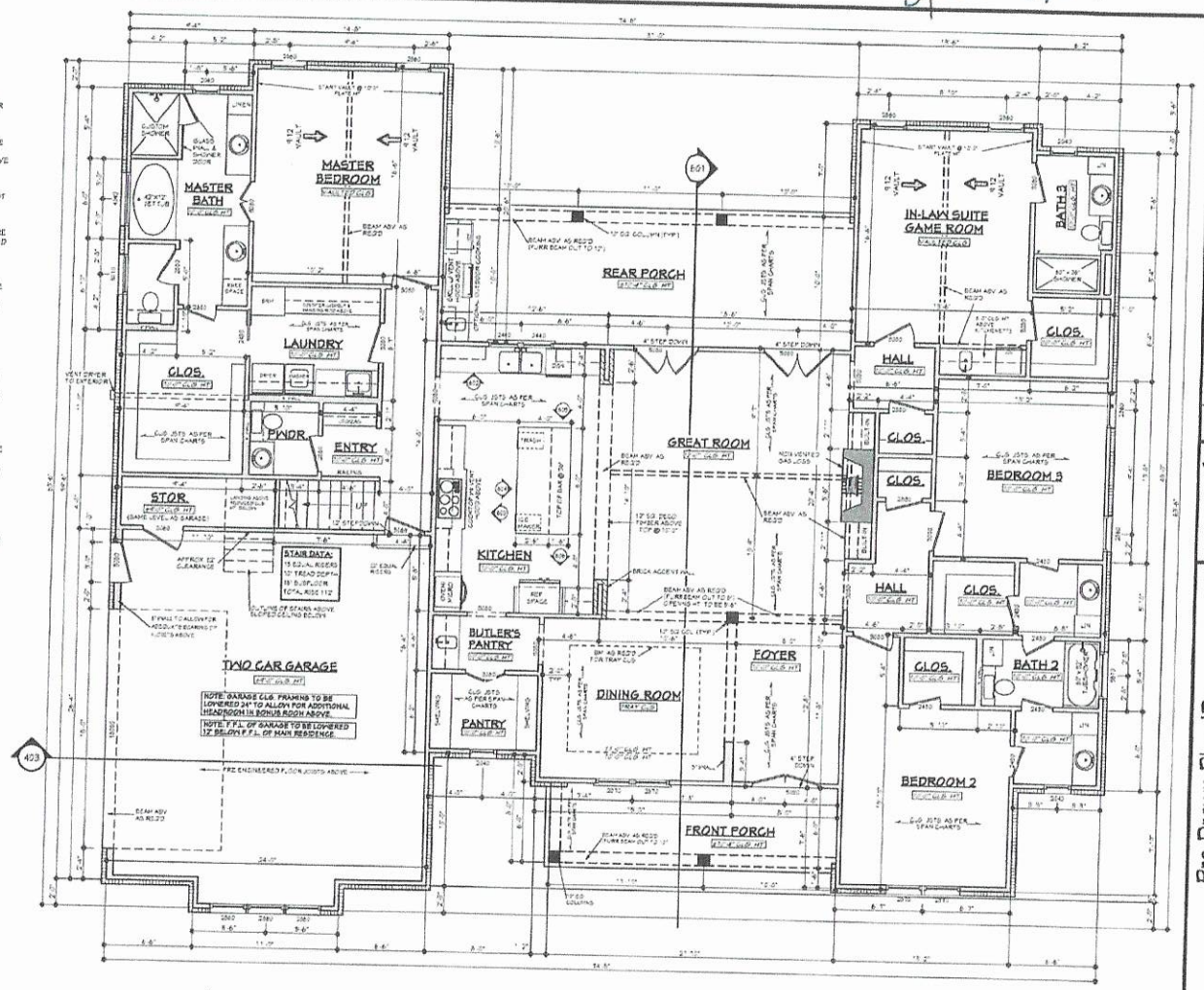
NOTES:

1 ALL DIMENSIONS & SITE CONDITIONS TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION
2 ALL FINISHES (INTERIOR & EXTERIOR) TO BE VERIFIED WITH OWNER PRIOR TO CONSTRUCTION
3 VERIFY ALL DOOR AND WINDOW STYLES AND SIZES WITH OWNER PRIOR TO CONSTRUCTION MANUFACTURER TO SUPPLY ALL ROUGH OPENING SIZES
4 CONTRACTOR TO VERIFY ALL CLEARANCES OF ALL DOORS WINDOWS AND OTHER ITEMS THAT ARE CRITICAL PRIOR TO CONSTRUCTION
5 CONTRACTOR TO ADAPT PLANS AS REQUIRED TO MEET ALL APPLICABLE CODES AT SITE
6 ALL BEAMS TO BE SIZED BY A LICENSED STRUCTURAL ENGINEER
7 PORCHES BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THEN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES HORIZONTALLY SHALL HAVE GUARDS NOT LESS THAN 36 INCHES IN HEIGHT OPEN SIDES OF STAIRS WITH A TOTAL RISE OF MORE THAN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 34 INCHES IN HEIGHT MEASURED VERTICALLY FROM THE NOSING OF THE TREADS IRC507
SCREENING SHALL NOT BE CONSIDERED AS A GUARD IRC 2015 R312 1 1 & R312 1 2
8 M1305 1 3 APPLIANCES IN ATTICS ATTICS CONTAINING APPLIANCES SHALL BE PROVIDED WITH AN OPENING AND A CLEAR AND UNOBSTRUCTED PASSAGEWAY LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE BUT NOT LESS THAN 30 INCHES HIGH AND 22 INCHES WIDE AND NOT MORE THAN 20 FEET LONG MEASURED ALONG THE CENTERLINE OF THE PASSAGEWAY FROM THE OPENING TO THE APPLIANCE THE PASSAGEWAY SHALL HAVE CONTINUOUS SOLID FLOORING IN ACCORDANCE WITH CHAPTER 5 NOT LESS THAN 24 INCHES WIDE A LEVEL SERVICE SPACE AT LEAST 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PRESENT ALONG ALL SIDES OF THE APPLIANCE WHERE ACCESS IS REQUIRED THE CLEAR ACCESS OPENING DIMENSIONS SHALL BE A MINIMUM OF 20 INCHES BY 30 INCHES AND LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE
EXCEPTIONS
a THE PASSAGEWAY AND LEVEL SERVICE SPACE ARE NOT REQUIRED WHERE THE APPLIANCE CAN BE SERVICED AND REMOVED THROUGH THE REQUIRED OPENING
b WHERE THE PASSAGEWAY IS UNOBSTRUCTED AND NOT LESS THAN 6 FEET HIGH AND 22 INCHES WIDE FOR ITS ENTIRE LENGTH THE PASSAGEWAY SHALL BE NOT MORE THAN 50 FEET LONG
9 APPLIANCE ACCESS FOR INSPECTION SERVICE REPAIR AND REPLACEMENT APPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION SERVICE REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION OTHER APPLIANCES OR ANY OTHER PIPING OR DUCTS NOT
CONNECTED TO THE APPLIANCE BEING INSPECTED SERVICED REPAIRED OR REPLACED A LEVEL WORKING SPACE AT LEAST 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PROVIDED IN FRONT OF THE CONTROL SIDE TO SERVICE AN APPLIANCE INSTALLATION OF ROOM HEATERS SHALL BE PERMITTED WITH AT LEAST AN 12 INCH WORKING SPACE A PLATFORM SHALL NOT BE REQUIRED FOR ROOM HEATERS
M1305 1 1 FURNACES AND AIR HANDLERS FURNACES AND AIR HANDLERS IN THEIR COMPARTMENTS OR ALCOVES SHALL HAVE A MINIMUM WORKING SPACE CLEARANCE OF 6 INCHES ALONG THE SIDES BACK AND TOP WITH A TOTAL WIDTH OF THE ENCLOSING SPACE BEING AT LEAST 12 INCHES WIDER THAN THE FURNACE OR AIR HANDLER FURNACES HAVING A FIREBOX OPEN TO THE ATMOSPHERE SHALL HAVE AT LEAST A 6 INCH WORKING SPACE ALONG THE FRONT COMBUSTION CHAMBER SIDE COMBUSTION AIR OPENINGS AT THE REAR OR SIDE OF THE COMPARTMENT SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 13
EXCEPTION THIS SECTION SHALL NOT APPLY TO REPLACEMENT APPLIANCES INSTALLED IN EXISTING COMPARTMENTS AND ALCOVES WHERE THE WORKING SPACE CLEARANCES ARE IN ACCORDANCE WITH THE EQUIPMENT OR APPLIANCE MANUFACTURERS INSTALLATION INSTRUCTIONS
10 EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS TOOLS OR SPECIAL KNOWLEDGE WINDOW OPENING CONTROL DEVICES COMPLYING WITH ASTM F 2090 SHALL BE PERMITTED FOR USE ON WINDOWS SERVING AS A REQUIRED EMERGENCY ESCAPE AND RESCUE OPENING ALL SLEEPING ROOMS TO HAVE AN EXTERIOR ACCESS THROUGH A DOOR OR WINDOW WITH A MINIMUM OF 5 7 SQUARE FEET NET CLEAR OPENING AS PER IRC 2015 R310 2 1 EXCEPTION GRADE FLOOR OR BELOW GRADE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5 SQUARE FEET MAXIMUM SILL HEIGHT TO BE 44 INCHES MINIMUM NET CLEAR OPENING HEIGHT TO BE 24 INCHES MINIMUM NET CLEAR OPENING WIDTH TO BE 20 INCHES
11 ALL RETURN AIR GRILLS ARE TO BE LOCATED TO COMPLY WITH SECTION M1602 OF THE IRC 2015
12 ALL SQUARE FOOTAGE MEASUREMENTS ARE APPROXIMATE AND MAY DIFFER FROM ACTUAL CONSTRUCTED RESIDENCE OR BUILDING
13 F RE SPRINKLER SYSTEM TO BE DESIGNED AND INSTALLED (IF REQUIRED BY LOCAL CODES) AS PER THE IRC 2015 AND BY A LICENSED PROFESSIONAL IN THE AREA OF CONSTRUCTION
14 ALL BATHROOM EXHAUST VENTS SHALL BE VENTED DIRECTLY TO THE EXTERIOR OF THE HOME AND NOT INTO THE ATTIC IRC 2015 M1507 2



BONUS ROOM FLOOR PLAN

SCALE: 1/4" = 1'-0"



NOTE: CONTRACTOR TO LOCATE WATER HEATER AND HVAC UNITS AT SITE

BB-2875-H FLOOR PLAN

SCALE: 1/4" = 1'-0"

AREAS:	2875	S.F. HEATED - NOT INCLUDING MASONRY
	392	S.F. UNHEATED - BONUS ROOM
	649	S.F. UNHEATED - GARAGE
	310	S.F. UNHEATED - REAR PORCH
	47	S.F. UNHEATED - STORAGE
	131	S.F. UNHEATED - FRONT PORCH
	1529	S.F. UNHEATED - TOTAL
	4404	S.F. TOTAL

HOUSE PLAN ZONE
Designing Homes Building Relationships
Website: www.HPZplans.com
Email: sales@hpzplans.com
Phone: 601.336.3254
Fax: 1.800.574.1387
N·C·B·D·C

Pre-Drawn Plan ID: BB-2875H

Date: 11/12/18
Drawn By: J.A.B.
Project Name:

SHEET NUMBER 3

IREDELL COUNTY · NC

IREDELL COUNTY
PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
315739 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4730429994.000	123 TREMOUNT LN	Iredell County

Owner Information	Applicant Information
Name: SLOAN JOSHUA O M+SHANNON M	Name: ROLLANS SOIL & ENVIRONMENTAL SERVICES
Address:	Address: 470 NORTH BROAD STREET SUITE D MOORESVILLE, NC 28115
Phone:	Phone: (704)658-1723

Use Requested	Zone Code
Single Family Dwelling	R20CUD

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.8	35	35	15	15	WSIV-CA Catawba/Lake Norman	NO

Remarks
SFD

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Signature of Owner/Contractor

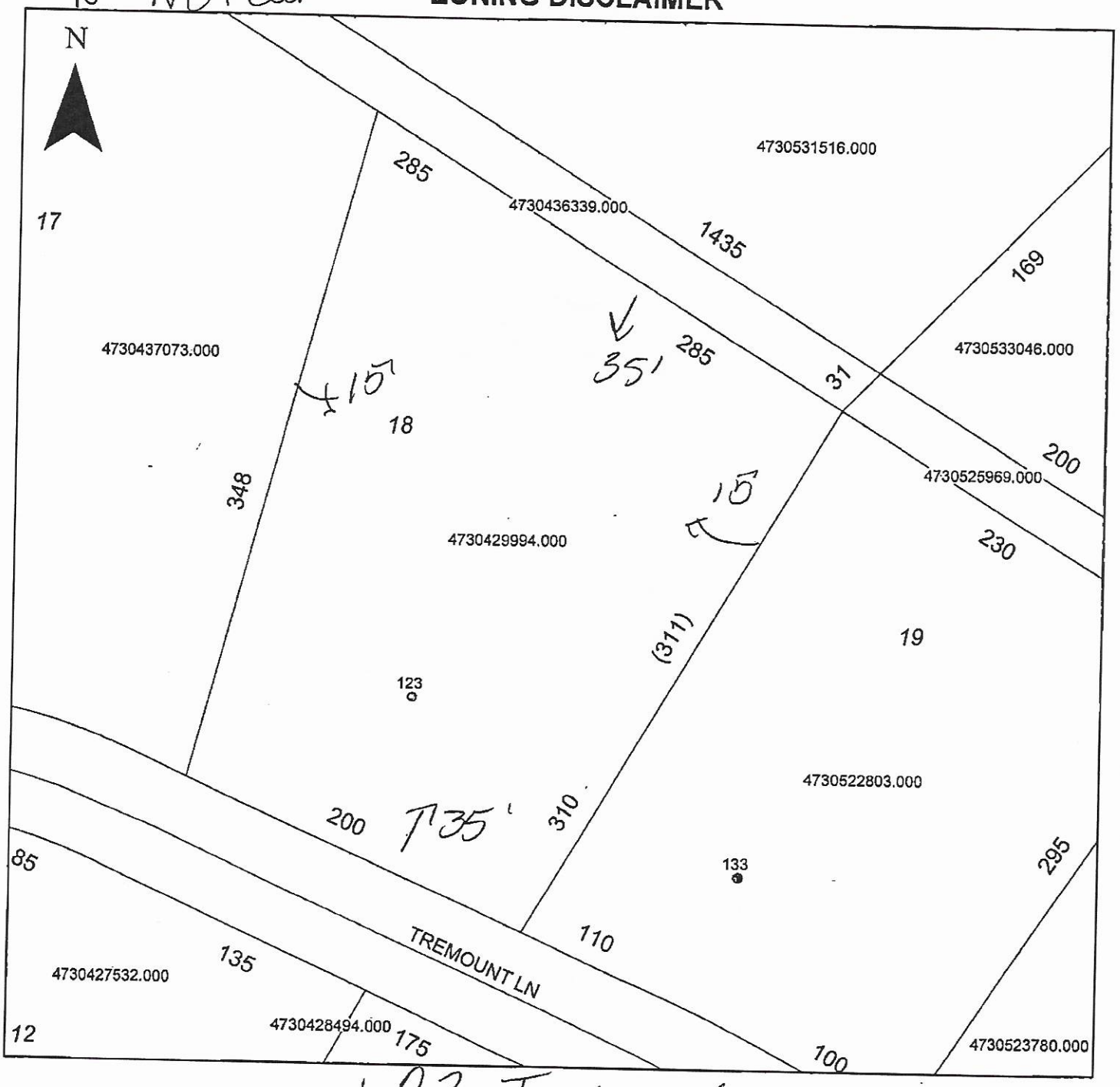
Date: 03/15/2021

Permit Number	315739

TOTAL FEES:	$77.25

1.8 R20CD
N INC4 Cert

ZONING DISCLAIMER



Property Address 123 Tremount

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. Applicant further acknowledges that the enforcement of deed restrictions, plat conditions, and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant

3/15/21
Date